

PATENT CLAIMS

1. An arrangement for a container for preserving, even for a long time, for example for several years, the new-bone-forming effect of growth-stimulating substances (GS) applied to one or more implant products, for example in the form of dental implants, the container being arranged so as, dependent on being acted upon, to allow accessibility of the product concerned with applied GS at the time of its use, characterized in that the container is arranged to enclose the product or the products with applied GS in an environment which is essentially free from air, water and moisture.
- 15 2. The arrangement as claimed in patent claim 1, characterized in that the container is in the form of a glass ampoule.
- 20 3. The arrangement as claimed in patent claim 1, characterized in that the container is made of metal which makes the environment free from air, water and moisture possible, for example titanium, stainless steel etc.
- 25 4. The arrangement as claimed in patent claim 1, 2 or 3, characterized in that container has been evacuated to an internal pressure for the product or the products with applied GS of <1 mbar, preferably $<10^{-3}$ mbar.
- 30 5. The arrangement as claimed in patent claim 1, 2 or 3, characterized in that said environment comprises one or more essentially inert gases free from air, water and moisture, for example argon.
- 35 6. A method for a container for preserving, even for a long time, for example for several years, the new-bone-forming effect of growth-stimulating substances (GS) applied to one or more products, for example in the form of or comprising implants, the container being

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arranged to be openable dependent on being acted upon so as to allow accessibility of the product concerned with applied GS at the time of use of the product, characterized in that the container is made to enclose
5 the product or the products with applied GS in an environment which is essentially free from air, water and moisture.

7. The method as claimed in patent claim 6,
10 characterized in that the container is made as a glass ampoule or of metal capable of preserving the environment free from air, water and moisture, for example titanium, stainless steel etc.

15 8. The method as claimed in patent claim 6 or 7, characterized in that the container is evacuated with an internal pressure of <1 mbar, preferably <10⁻³ mbar.

9. The method as claimed in patent claim 6 or 7,
20 characterized in that the environment free from air, water and moisture is formed by means of one or more gases free from water and moisture.

10. The method as claimed in any one of patent claims
25 6-9, characterized in that the product concerned with associated GS is introduced into an open glass ampoule, the interior of which is connected to a vacuum pump, and in that, when a low internal vacuum pressure has been reached, the glass ampoule is sealed using a
30 burning means, for example a rotating burner.

11. The method as claimed in patent claim 10,
characterized in that the product concerned with
35 associated GS is introduced into a glass tube provided with a bottom, the interior of which is connected to the vacuum pump, and in that the burning means is activated for formation of a closed glass ampoule by sealing the glass tube part enclosing the product with GS.

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12. The method as claimed in patent claim 10 or 11, characterized in that the interior of the ampoule or of the glass tube part is connected temporarily to a gas container, for example an argon gas container.

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13. The method as claimed in any one of patent claims 6-9, characterized in that the product or the products with applied GS is or are arranged in a first part or lower part made of foil-shaped metal, for example titanium or stainless steel, in that a second part or upper part likewise made of foil-shaped metal is applied to the first part or lower part and over the product or the products, in that a space between the first and second parts or, respectively, the lower and upper parts which is intended for the product or the products with applied GS is evacuated and/or filled with gas and sealed by means of extended single-spot welding or laser welding.

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20 14. The method as claimed in patent claim 13, characterized in that the first part or lower part and/or the second part or upper part is/are made with a tear-off foil strip for access to the product/the products with GS at the time of use.